

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (original) An application specific integrated circuit (ASIC) comprising:
  - a standard cell, the standard cell including a plurality of logic functions;
  - and
  - at least one FPGA interconnect coupled to the plurality of functions, wherein the at least one FPGA interconnect can be configured to select one of the plurality of logic functions.
2. (original) The ASIC of claim 1 wherein the one logic function is coupled to a plurality of I/O pins by the at least one configured FPGA interconnect.  
*b1*
3. (original) The ASIC of claim 1 wherein the one logic function is coupled to an internal bus via the at least one configured FPGA interconnect.
4. (previously amended) An application specific integrated circuit (ASIC) comprising:
  - a standard cell, the standard cell including a plurality of logic functions;
  - a plurality of input output (I/O) pins; and

at least one field programmable gate array (FPGA) interconnect coupled to the plurality of I/O pins and the plurality of logic functions, wherein the at least one FPGA interconnect can be configured to select one of the plurality of logic functions utilizing field programming techniques.

5. (original) The ASIC of claim 4 wherein the one logic function is coupled to an internal bus via the at least one configured FPGA interconnect.

6. (previously amended) An application specific integrated circuit (ASIC) comprising:

a standard cell, the standard cell including a plurality of logic functions;  
a-at least one internal bus; and  
at least one field programmable gate array (FPGA) interconnect coupled to at least one internal bus and the plurality of logic functions, wherein the at least one FPGA interconnect can be configured to select one of the plurality of logic functions utilizing field programming techniques.

7. (original) The ASIC of claim 6 wherein the one logic function is coupled to a plurality of I/O pins by the at least one configured FPGA interconnect.

8. (original) An application specific integrated circuit (ASIC) comprising:

a standard cell, the standard cell including a plurality of logic functions;  
at least one bus coupled to the plurality of functions;

a plurality of I/O pins; and  
at least one FPGA interconnect coupled between the at least one bus and  
the plurality of I/O pins, wherein the at least one FPGA interconnect can be utilized to correct  
wiring error when the ASIC is utilized on a printed circuit board.

9. (original) The ASIC of claim 8 wherein the wiring error is a reversed bit  
order wiring error.

10. (previously amended) An application specific integrated circuit (ASIC)  
comprising:

a plurality of I/O pins;  
a plurality of first logic functions provided as part of a standard cell;  
a first field programmable gate array (FPGA) interconnect coupled between the  
plurality of I/O pins and the plurality of first logic function, wherein the first FPGA interconnect  
can be configured to select at least one of the plurality of first logic functions;  
a bus coupled to the plurality of first logic functions; and  
a second FPGA interconnect coupled between the bus and the plurality of first  
logic functions, wherein the second FPGA interconnect is configured to connect to one of the  
plurality of first logic functions to the bus.

11. (original) The ASIC of claim 10 which includes a plurality of second logic  
functions coupled to the bus.